

Menu Dialog

The normal way of using Predict is to call functions from a menu. This section covers the following aspects of working with menus.

- Main Menus
- Layout of Predict Menus and Screens
- Specifying Parameter Values
 - Hot Objects
 - Resetting Session Variables
 - Taking the Object Type from the Menu with Commands
 - Parameter Zoom

Main Menus

Predict offers three types of main menu. The default main menu is specified in the Modify User Defaults > Handling screen, but either of the alternate menu types can be called by entering the respective code in any main menu.

- **Function Main Menu**
contains a choice of function groups. This menu is displayed by entering code F in the field Menu type which appears in all main menus.

```

13:40:16          ***** P R E D I C T  4.2.2  *****          2002-07-31
Plan  10          - Function Main Menu -          Profile HNO

      Documentation                      External objects

      A  Active retrieval                F  File implementation
      M  Maintenance                    G  Generation
      R  Retrieval                      I  Incorporation
      X  List xref for 3GL                C  Comparison
                                           L  Administration

      DDA services                      Miscellaneous

      D  Defaults                        W  What is new ?
      S  Special functions                ?  Help system
                                           .  Leave PREDICT

Function .....
Object type ....*                      Menu type ....* F

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Next  Stop  Last  LnkEl Flip  Print Impl  AdmFi SelFi Prof  Main

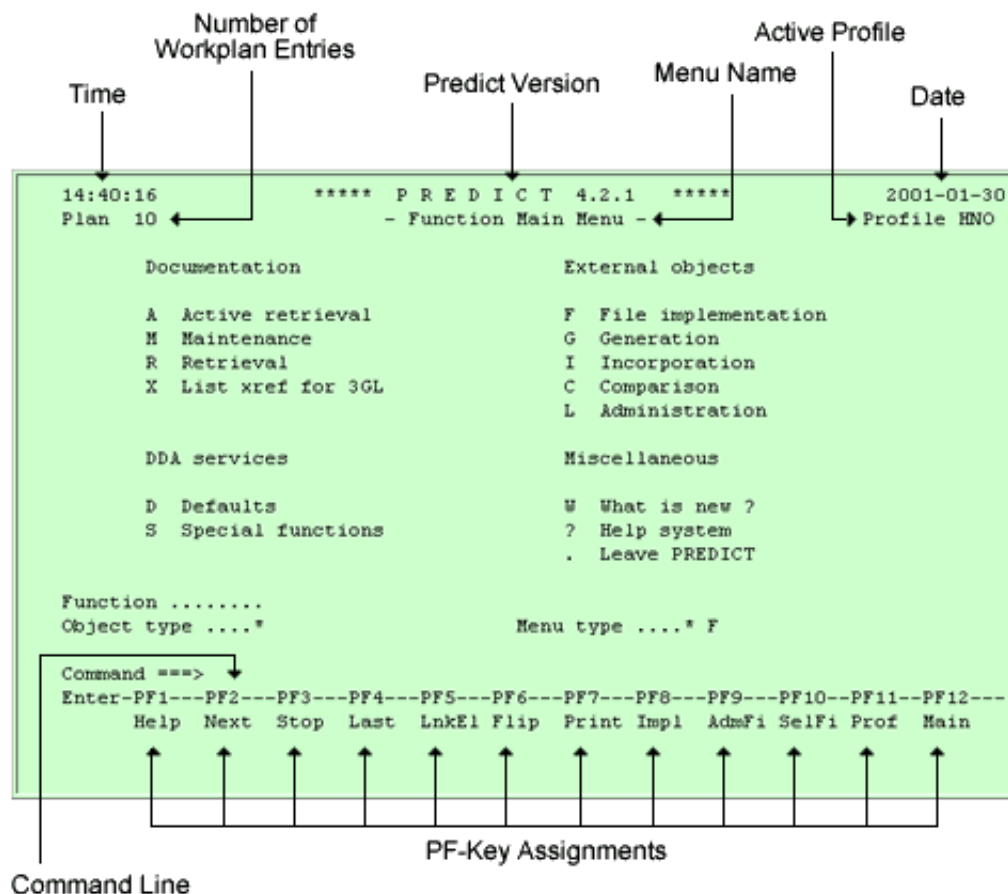
```

- **Documentation Menu**
lists the object types defined in the Predict metastructure. Function menus can then be called for individual object types.
The Documentation Menu is displayed by entering code D in the field Menu type of any main menu.
- **External Object Menu**
lists the types of external objects that can be created and maintained. Function menus can then be called to maintain individual types of external objects.
The External Object Menu is displayed by entering code E in the field Menu type of any main menu.

In all three menus, functions are executed by specifying a function code and - in most cases - an object type. Predict then skips to the respective function menu. If a required value is not specified, a window appears from which a value can be selected.

Layout of Predict Menus and Screens

General conventions apply to the layout of Predict input and output screens.



- The first line contains the current time, the Predict version and the current date (from left to right).
- The information in the second line is different for input menus and output screens:
 - In input menus the second line indicates how many commands are stored in the workplan (in the field Plan), the name of the current menu and which profile is active.
 - In output screens this line contains the name of the function and the page number of the current page in the report.
- The three last lines contain the input fields for commands (Command ==>) and the PF key line showing the current PF key assignment. This assignment can be changed in the profile.

Specifying Parameter Values

With many Predict functions, parameter values must be specified. Predict stores parameter values temporarily in session variables.

Session variables is a term which covers the following:

- Hot objects (see below)
- Restrictions
- Output options
- Output mode.

Whenever possible, parameter values that have been omitted are taken from these session variables. The parameter values that can be chosen from depend on both the function and the parameter type.

Using menus, parameter values that are taken from session variables are displayed in the respective input fields.

Values stored in session variables remain when terminating a Predict session.

Hot Objects

If applicable, the following information about objects is stored in the session variables for the 10 objects of different types (including user-defined types) that were processed last:

- object ID
- subtype (in the case of fields, a file type specified with the parameter in files of type)
- database number
- file number
- entry points
- language
- verification status
- association type
- a retrieval model to be applied to the object type

Whenever any of this information is needed to carry out a function and has not been entered explicitly, it is taken from the session variables.

For example: the command `DISPLAY ELEMENT A* B*` sets the session variable field ID to "A*" and the session variable file name to "B*".

If the command `DISPLAY FILE` is then entered, the file ID is taken from the session variable file name, and the command is interpreted as `DISPLAY FILE B*`. To override values in session variables, simply enter a parameter value explicitly.

The values listed above are stored in the user's profile and are available in the next session.

To reset hot objects

Enter command `RESETHOT` to delete all hot objects currently defined.

Resetting Session Variables

Predict resets all parameter variables after each command when running in batch mode. When running Predict online, session variables are reset after the `MENU` command. Session variables are reset to the values valid when the Predict session was started.

Taking the Object Type from the Menu with Commands

If a command requires an object type and no object type is specified, Predict takes the object type from the menu where the command has been entered (if this is possible).

For example: if the command MAINTAIN is entered in the File Retrieval menu, Predict directly displays the File Maintenance menu.

If the object type of the current menu is not applicable for the command, the message OBJECT TYPE MUST BE SPECIFIED is displayed and Predict returns to the Main Menu.

Parameter Zoom

If all possible parameter values do not fit into a screen, a Zoom parameter is provided to display a window for entering values (see example below).

```

13:40:16          ***** P R E D I C T  4.2.2  *****          2002-07-31
                        - Modify Dataspace -

Dataspace ID .... DSNDB06-SYSOBJ          +----- Abstract -----+
Type ..... DB2                          ! This Dataspace was      !
Located in DA ... SYSIBM-DSNDB06         ! incorporated from DB2-Catalog !
Keys ..                                  ! on 2002-07-31.         !
                                         !                         !
Dataspace attributes                     ! It includes test data for !
  Tablespace name .. SYSOBJ              ! evaluation purposes.     !
  Nr of partitions .                    !                         !
  Buffer Pool .....* BP0                 !                         !
  Locksize .....* P Page level locking !                         !
  Close option ..... N (Y,N)            !                         !
  Lockmax ..... SYSTEM                  !                         !
  Lockpart ..... N (Y,N)                !                         !
  Maxrows ..... 255                     !                         !
  CCSID .....* E EBCDIC                 !                         !
  Member cluster ... (Y,N)              !                         !
                                         !                         !
Abstract  * Zoom: Y                     +-----+
  This Dataspace was
  incorporated from DB2-Catalog
EDIT:   Owner: N   Desc: N          * Contains FI: Y   MORE Using/free .

```